

## Contents of *Agriculture, Ecosystems and Environment*, Volume 57

**VOL. 57 NO. 1**

**15 APRIL 1996**

Interactive effects of gaseous air pollutants and acid mist on two major pasture grasses T.W. Ashenden, S.A. Bell and C.R. Rafarel (Bangor, UK) . . . . .	1
Growth, morphology and yield of wheat, barley and oats grown at elevated atmospheric CO <sub>2</sub> concentration in a cool, maritime climate A. Sæbø (Klepp-Station, Norway) and L.M. Mortensen (Klepp Station, Norway; Ås, Norway) . . . . .	9
Soil and water conservation by contour hedging in the humid tropics of Peru J.C. Alegre (Nairobi, Kenya; Yurimaguas, Peru) and M.R. Rao (Nairobi, Kenya) . . . . .	17
Aptness of insecticides ( <i>Bacillus thuringiensis</i> and carbofuran) with endophytic <i>Beauveria bassiana</i> , in suppressing larval populations of the European corn borer L.C. Lewis, E.C. Berry, J.J. Obrycki and L.A. Bing (Ames, IA, USA) . . . . .	27
Arthropod pest and natural enemy abundance under second-level versus first-level integrated pest management practices in apple orchards: a 4-year study R.J. Prokopy, J.L. Mason, M. Christie and S.E. Wright (Amherst, MA, USA) . . . . .	35
Alleviation of injurious effects of sulphur dioxide on soybean by modifying NPK nutrients M. Verma and M. Agrawal (Varanasi, India) . . . . .	49
Land use, land management and environment in a subsistence mountain economy in Nepal G.B. Thapa (Bangkok, Thailand) . . . . .	57
Announcement . . . . .	73
Guide for Authors . . . . .	75
Contents of <i>Applied Soil Ecology</i> , Vol. 3 No. 1 . . . . .	79

**VOL. 57 NOS. 2,3**

**MAY 1996**

On shelterbelt design for combating sand invasion A.E. Mohammed (Wad Medani, Sudan), C.J. Stigter (Wageningen, Netherlands) and H.S. Adam (Wad Medani, Sudan) . . . . .	81
A research framework to achieve sustainable use of rangeland W.R. Teague (Vernon, TX, USA) . . . . .	91
Population trends in selected species of farmland birds in relation to recent developments in agriculture in the St. Lawrence Valley B. Jobin (St. Romuald, Que., Canada), J.-L. DesGranges (Ste. Foy, Que., Canada) and C. Boutin (Hull, Que., Canada) . . . . .	103
Economic indicators to assess the sustainability of conservation farming projects: An evaluation C. Tisdell (Brisbane, Qld., Australia) . . . . .	117
System dynamics and the definition of research domains for the northern Guinea savanna of West Africa G. Weber, J. Smith and M.V. Manyong (Ibadan, Nigeria) . . . . .	133
Effects of intercropping with maize on the micro-environment, growth and yield of cassava F.O. Olasantan (Abeokuta, Nigeria), H.C. Ezumah and E.O. Lucas (Ibadan, Nigeria) . . . . .	149
A time-concentration study on the effects of ozone on spring wheat ( <i>Triticum aestivum</i> L.). 1. Effects on yield J.M. Finnan, M.B. Jones (Dublin, Ireland) and J.I. Burke (Carlow, Ireland) . . . . .	159
A time concentration study on the effects of ozone on spring wheat ( <i>Triticum aestivum</i> L.). 2. A comparison of indices J.M. Finnan, M.B. Jones (Dublin, Ireland) and J.I. Burke (Carlow, Ireland) . . . . .	169

Effects of soil management on crop nitrogen and insect damage in organic vs. conventional tomato fields D.K. Letourneau (Santa Cruz, CA, USA), L.E. Drinkwater and C. Shennan (Davis, CA, USA) . . . . .	179
Dry matter and nitrogen accumulation by three leguminous green manure species and the yield of a following wheat crop in an organic production system C. Stopes, S. Millington and L. Woodward (Newbury, UK) . . . . .	189
The supply of phosphorus from native, inorganic phosphorus pools in continuously cultivated Mexican agroecosystems T.E. Crews (Ithaca, NY, USA) . . . . .	197
<b>Book Reviews</b>	
Sustainable agriculture development. . . . .	209
Biotic diversity in agroecosystems. . . . .	209
Vertebrate pest control . . . . .	212
An ecosystem approach to soil management . . . . .	213
<b>Contents of <i>Agriculture, Ecosystems and Environment</i>, Volume 57</b> . . . . .	217
<b>Contents of <i>Applied Soil Ecology</i>, Vol. 3 No. 2</b> . . . . .	219

